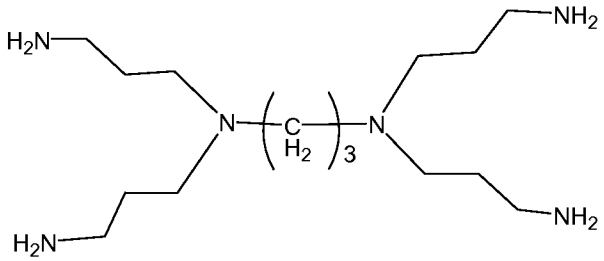
AMENDMENTS TO THE CLAIMS:

This listing will replace all prior versions, and listings, of claims in the application.

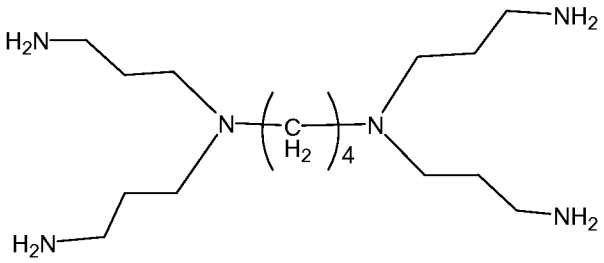
Listing of Claims:

Claims 1. - 26. (Canceled)

27. (Previously presented) A polymeric composition comprising a crosslinked amine polymer, wherein said polymer comprises a crosslinked amine, said amine being at least one of



or

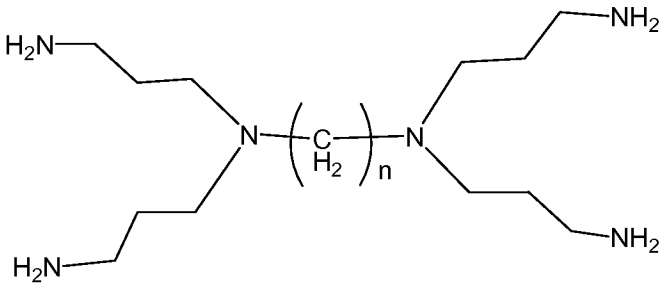


and said amine being crosslinked with a crosslinking agent.

28. (Currently amended) The polymeric composition as recited in claim ~~claims~~ 27~~, 44 or 47~~ wherein said crosslinking agent is 1,3-dichloropropane or epichlorohydrin.

Claims 29. - 43. (Canceled)

44. (Previously presented) A polymeric composition comprising a crosslinked amine polymer, the polymer comprising a crosslinked amine,

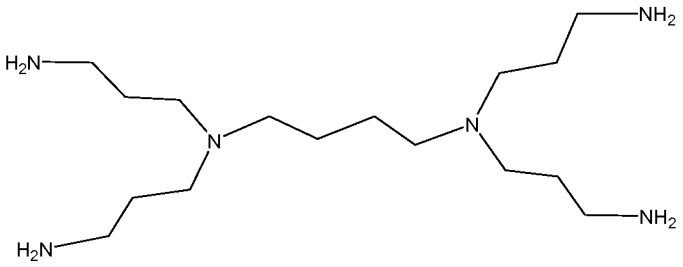


wherein n is 3, 4 or 5, and the amine is crosslinked with a crosslinking agent.

45. (Previously presented) The polymeric composition of claim 44 wherein n is 3.

46. (Previously presented) The polymeric composition of claim 44 wherein n is 5.

47. (Previously presented) A polymeric composition comprising a crosslinked amine polymer, the polymer comprising a crosslinked amine,



wherein the amine is crosslinked with a crosslinking agent.

48. (Currently amended) The polymeric composition of claim ~~claims~~ 27~~, 44 or 47~~ wherein the crosslinking agent is a compound having at least two functional groups, each functional group being selected from halogen, carbonyl, epoxy, ester, acid anhydride, acid halide, isocyanate, vinyl, and chloroformate.

49. (Currently amended) The polymeric composition of claim ~~claims~~ 27~~, 44 or 47~~ wherein the crosslinking agent is epichlorohydrin.

50. (Currently amended) The polymeric composition of claim ~~claims~~ 27~~, 44 or 47~~ wherein the molar ratio of crosslinking agent to amine ranges from about 0.2 to about 10.

51. (Currently amended) The polymeric composition of claim ~~claims~~ 27~~, 44 or 47~~ wherein the molar ratio of crosslinking agent to amine ranges from about 0.5 to about 5.

52. (Currently amended) The polymeric composition of claim ~~claims~~ 27~~, 44 or 47~~ wherein the crosslinked amine polymer is insoluble in a physiological isotonic buffer.

53. (Currently amended) The polymeric composition of claim ~~claims~~ 27~~, 44 or 47~~ wherein the crosslinked amine polymer has a swelling ratio in physiological isotonic buffer ranging from about 1.2 to about 100.

54. (Currently amended) The polymeric composition of claim ~~claims~~ 27~~, 44 or 47~~ wherein the crosslinked amine polymer has a swelling ratio in physiological isotonic buffer ranging from about 2 to 20.

55. (Currently amended) The polymeric composition of claim ~~claims~~ 27~~, 44 or 47~~ wherein the crosslinked amine polymer has a phosphate binding capacity in a non-interfering buffer ranging from about 0.5 mmol/g to about 10 mmol/g.

56. (Currently amended) The polymeric composition of claim ~~claims~~ 27~~, 44 or 47~~ wherein the crosslinked amine polymer has a phosphate binding capacity in a non-interfering buffer ranging from about 2.5 mmol/g to about 8 mmol/g.

57. (Currently amended) The polymeric composition of claim ~~claims~~ 27~~, 44 or 47~~ wherein the crosslinked amine polymer has a phosphate binding capacity in a non-interfering buffer ranging from about 3 mmol/g to about 6 mmol/g.

58. (Currently amended) The polymeric composition of claim ~~claims~~ 27~~, 44 or 47~~ wherein the polymer is a copolymer comprising several different amines as crosslinked amine

moieties.

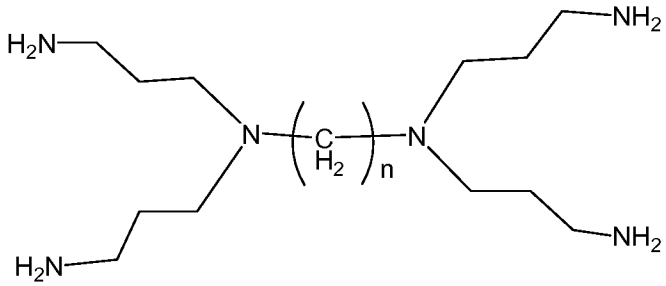
59. (Currently amended) The polymeric composition of claim ~~claims~~ 27~~, 44 or 47~~ wherein the polymer is a copolymer further comprising a diamine, a triamine or a tetramine as crosslinked amine moieties.

60. (Currently amended) The polymeric composition of claim ~~claims~~ 27~~, 44 or 47~~ wherein the polymer is a copolymer further comprising a diamine as crosslinked amine moieties.

61. (Currently amended) The polymeric composition of claim ~~claims~~ 27~~, 44 or 47~~ wherein the polymer is a copolymer further comprising 1,3-diaminopropane as crosslinked amine moieties.

62. (Previously presented) The polymeric composition of claim 47 wherein the crosslinking agent is epichlorohydrin, the molar ratio of crosslinking agent to amine ranges from about 0.2 to about 5, the polymer is insoluble in a physiological isotonic buffer, the polymer has a swelling ratio in physiological isotonic buffer ranging from about 2 to 20, and the polymer has a binding capacity in a non-interfering buffer ranging from about 2.5 mmol/g to about 8 mmol/g.

63. (Previously presented) A polymeric composition comprising a crosslinked amine polymer in bead form, the polymer comprising repeat units derived from polymerization of an amine and a crosslinking agent, the amine having the formula



wherein n is 3, 4 or 5.

64. (Previously presented) The polymeric composition of claim 63 wherein the polymer has a phosphate binding capacity in a non-interfering buffer ranging from about 0.5 mmol/g to about 10 mmol/g.

Claims 65. - 66. (Canceled)

67. (Previously presented) The polymeric composition of claim 63 wherein the molar ratio of crosslinking agent to amine ranges from about 0.2 to about 10, the polymer is insoluble in a physiological isotonic buffer, the polymer has a swelling ratio in physiological isotonic buffer ranging from about 2 to 20, and the polymer has a phosphate binding capacity in a non-interfering buffer ranging from about 0.5 mmol/g to about 10 mmol/g.

68. (Currently amended) The polymeric composition of ~~any of~~ claim ~~claims~~ 63~~, 64, and 67~~ wherein n is 3.

69. (Currently amended) The polymeric composition of ~~any of~~ claim ~~claims~~ 63~~, 64, and 67~~ wherein n is 4.

70. (Currently amended) The polymeric composition of ~~any of~~ claim ~~claims~~ 63~~, 64, and 67~~ wherein n is 5.

71. (New) The polymeric composition of claim 64 wherein n is 3.

72. (New) The polymeric composition of claim 64 wherein n is 4.

73. (New) The polymeric composition of claims 64 wherein n is 5.

74. (New) The polymeric composition of claim 67 wherein n is 3.

75. (New) The polymeric composition of claim 67 wherein n is 4.

76. (New) The polymeric composition of claims 67 wherein n is 5.

77. (New) The polymeric composition as recited in claim 44 wherein said crosslinking agent is 1,3-dichloropropane or epichlorohydrin.

78. (New) The polymeric composition of claim 44 wherein the crosslinking agent is epichlorohydrin.

79. (New) The polymeric composition of claim 44 wherein the molar ratio of crosslinking agent to amine ranges from about 0.2 to about 10.

80. (New) The polymeric composition of claim 44 wherein the molar ratio of crosslinking agent to amine ranges from about 0.5 to about 5.

81. (New) The polymeric composition of claim 44 wherein the crosslinked amine polymer is insoluble in a physiological isotonic buffer.

82. (New) The polymeric composition of claim 44 wherein the crosslinking agent is a compound having at least two functional groups, each functional group being selected from halogen, carbonyl, epoxy, ester, acid anhydride, acid halide, isocyanate, vinyl, and chloroformate.

83. (New) The polymeric composition of claim 44 wherein the crosslinked amine polymer has a swelling ratio in physiological isotonic buffer ranging from about 1.2 to about 100.

84. (New) The polymeric composition of claim 44 wherein the crosslinked amine polymer has a swelling ratio in physiological isotonic buffer ranging from about 2 to 20.

85. (New) The polymeric composition of claim 44 wherein the crosslinked amine polymer has a phosphate binding capacity in a non-interfering buffer ranging from about 0.5 mmol/g to about 10 mmol/g.

86. (New) The polymeric composition of claim 44 wherein the crosslinked amine polymer has a phosphate binding capacity in a non-interfering buffer ranging from about 2.5 mmol/g to about 8 mmol/g.

87. (New) The polymeric composition of claim 44 wherein the crosslinked amine polymer has a phosphate binding capacity in a non-interfering buffer ranging from about 3 mmol/g to about 6 mmol/g.

88. (New) The polymeric composition of claim 44 wherein the polymer is a copolymer comprising several different amines as crosslinked amine moieties.

89. (New) The polymeric composition of claim 44 wherein the polymer is a copolymer further comprising a diamine, a triamine or a tetramine as crosslinked amine moieties.

90. (New) The polymeric composition of claim 44 wherein the polymer is a copolymer further comprising a diamine as crosslinked amine moieties.

91. (New) The polymeric composition of claim 44 wherein the polymer is a copolymer further comprising 1,3-diaminopropane as crosslinked amine moieties.

92. (New) The polymeric composition as recited in claim 47 wherein said crosslinking agent is 1,3-dichloropropane or epichlorohydrin.

93. (New) The polymeric composition of claim 47 wherein the crosslinking agent is a compound having at least two functional groups, each functional group being selected from halogen, carbonyl, epoxy, ester, acid anhydride, acid halide, isocyanate, vinyl, and chloroformate.

94. (New) The polymeric composition of claim 47 wherein the crosslinking agent is epichlorohydrin.

95. (New) The polymeric composition of claim 47 wherein the molar ratio of crosslinking agent to amine ranges from about 0.2 to about 10.

96. (New) The polymeric composition of claim 47 wherein the molar ratio of crosslinking agent to amine ranges from about 0.5 to about 5.

97. (New) The polymeric composition of claim 47 wherein the crosslinked amine polymer is insoluble in a physiological isotonic buffer.

98. (New) The polymeric composition of claim 47 wherein the crosslinked amine polymer has a swelling ratio in physiological isotonic buffer ranging from about 1.2 to about 100.

99. (New) The polymeric composition of claim 47 wherein the crosslinked amine polymer has a swelling ratio in physiological isotonic buffer ranging from about 2 to 20.

100. (New) The polymeric composition of claim 47 wherein the crosslinked amine polymer has a phosphate binding capacity in a non-interfering buffer ranging from about 0.5 mmol/g to about 10 mmol/g.

101. (New) The polymeric composition of claim 47 wherein the crosslinked amine polymer has a phosphate binding capacity in a non-interfering buffer ranging from about 2.5 mmol/g to about 8 mmol/g.

102. (New) The polymeric composition of claim 47 wherein the crosslinked amine polymer has a phosphate binding capacity in a non-interfering buffer ranging from about 3 mmol/g to about 6 mmol/g.

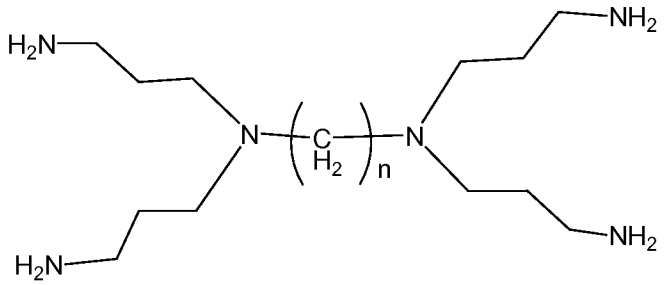
103. (New) The polymeric composition of claim 47 wherein the polymer is a copolymer comprising several different amines as crosslinked amine moieties.

104. (New) The polymeric composition of claim 47 wherein the polymer is a copolymer further comprising a diamine, a triamine or a tetramine as crosslinked amine moieties.

105. (New) The polymeric composition of claim 47 wherein the polymer is a copolymer further comprising a diamine as crosslinked amine moieties.

106. (New) The polymeric composition of claim 47 wherein the polymer is a copolymer further comprising 1,3-diaminopropane as crosslinked amine moieties.

107. (New) The polymeric composition of claim 44 wherein the polymeric composition consists essentially of the polymerization product of the amine corresponding to the structure



and a crosslinking agent, wherein n is 3, 4, or 5.

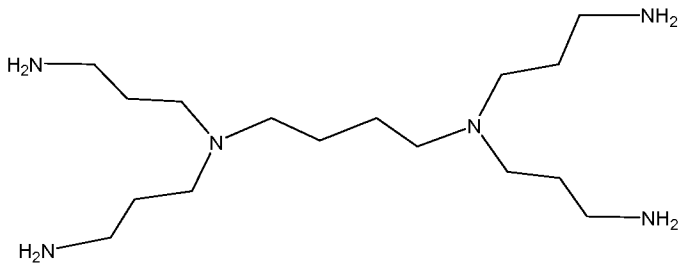
108. (New) The polymeric composition of claim 107 wherein the crosslinking agent is epichlorohydrin.

109. (New) The polymeric composition of claim 107 wherein the crosslinking agent is 1,3-dichloropropane.

110. (New) The polymeric composition of claim 107 wherein the molar ratio of crosslinking agent to amine ranges from about 0.5 to about 5.

111. (New) The polymeric composition of claim 44 wherein the polymeric composition consists essentially of the polymerization product of the amine corresponding to the

structure



and a crosslinking agent, the crosslinking agent being epichlorohydrin.